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TITLE: GAS DISCHARGE DISPLAY PANEL

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INVENTOR-INFORMATION:

NAME	COUNTRY
FURUKAWA, TAKESHI	
NANTO, TOSHIYUKI	

ASSIGNEE-INFORMATION:

NAME	COUNTRY
FUJITSU LTD N/A	

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ABSTRACT:

PROBLEM TO BE SOLVED: To enhance the contrast of a display screen and improve the display quality in the larger size and higher precision of a display panel by controlling the discharge interference to an adjacent discharge cell by the extension of discharge in each discharge cell, reducing the resistance of a discharge electrode having small irregularities on a substrate surface, and reducing the light reflectance of a discharge electrode.

SOLUTION: This panel comprises a plurality of discharge electrode pairs 33 consisting of transparent electrodes 36a, 36b and metal bus electrodes 35a, 35b, respectively, which are arranged adjacently on the inner surface of a display surface-side glass substrate 11, and the discharge electrode pairs 33 are covered with a dielectric layer 13. A strip protruding part 32 lower than the thickness of the dielectric layer 13 and recessed parts 31a, 31b for burying the

discharge electrode pairs 33 are provided integrally with the glass base 11 between the respective discharge electrode pairs 33, the metal bus electrodes 35a, 35b are buried in the recessed parts 31a, 31b, and the transparent electrodes 36a, 36b are laminated on these electrodes, respectively, whereby the discharge electrode pairs 33 are arranged.

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